1 EXPOSURE COUNTER WINDOW

2 FILM TRANSPORT LEVER

3 SHUTTER RELEASE BUTTON

4 FLASH CONTACT (Hot Shoe)

5 FILM REWIND KNOB AND CRANK (BACK COVER RELEASE)

6 FILM IN CAMERA INDICATOR

7 STRAP LUGS

8 f/2.7 COSINON LENS

9 CdS AUTOMATIC ELECTRIC EYE

10 VIEWFINDER

11 PC FLASH CORD SOCKET

12 FUNCTION CONTROL RING

13 LOCK FOR FUNCTION CONTROL RING

14 BATTERY COMPARTMENT

15 TRIPOD SOCKET

16 FILM REWIND RELEASE BUTTON

17 ASA FILM SPEED SETTING LEVER

18 FOCUSING RING

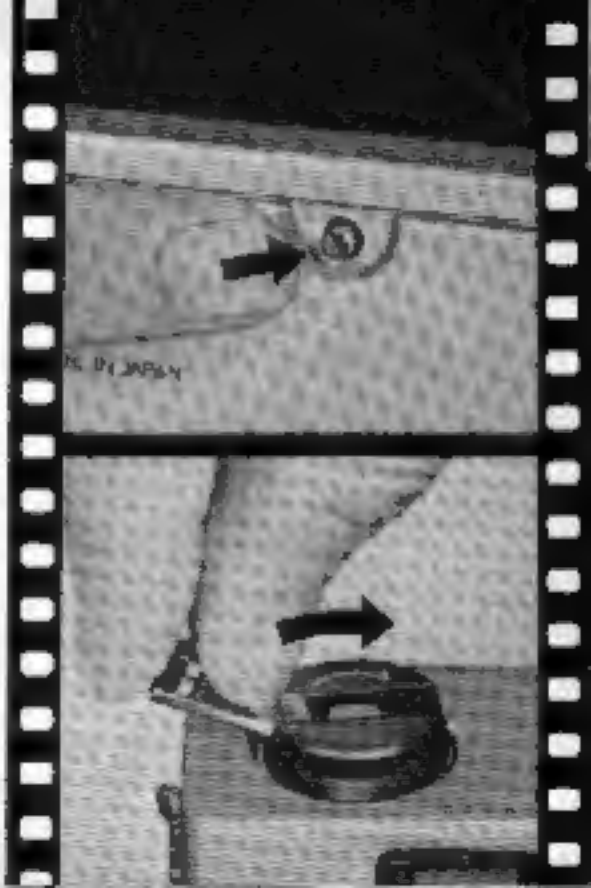
19 SELF-TIMER

20 WRIST STRAP

REWINDING FILM

When all exposures have been taken, film must be rewound into the cartridge before camera cover can be opened. Failure to do so may result in fogging of film. Before rewinding film, depress the REWIND RELEASE BUTTON on bottom of camera. Once it is depressed the button will remain down.

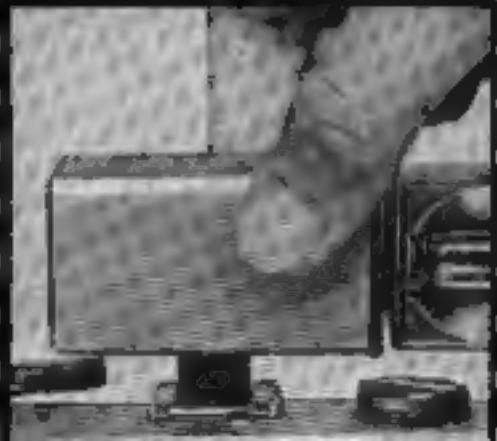
Flip up CRANK in the FILM REWIND KNOB and turn it clock-wise until a loosening of tension is felt as film leaves the TAKE-UP SPINDLE. Several additional turns will provide assurance that film is completely contained in the cartridge. Open the BACK COVER by lifting the FILM REWIND KNOB. Remove FILM CARTRIDGE and have it processed as soon as possible for optimum picture results.



FLASH-FINDER SYSTEM

Accurately computed flash pictures are possible with the Cosina Compact by inter-locking the FOCUSING RING with the FUNCTION CONTROL RING. To accomplish this, depress and hold the LOCK BUTTON while rotating the FUNCTION CONTROL RING until the word FLASH lines up with the Guide Number index mark. Release LOCK BUTTON when correct setting is made. Select suitable Guide Numbers from bottom row.

Flashgun most conveniently suited for this ultra-compact camera is the type that provides cordless direct electrical contact and accepts standard FLASHCUBES. If flashgun has a wired in cord, flash contact may be made by plugging into the the PC FLASH CORD SOCKET on the side of the camera. However, some cord units, designed to slip into an accessory clip, may cause a short and should be on a side mount flashgun bracket.



FLASH-FINDER pictures are easier than ever with the Cosina 35. The range finder adjustment, being coupled to the lens, affords complete and accurate flash settings when the camera is focused. Sight through the VIEWFINDER and rotate the FOCUSING RING until displaced images in the center of the field are super-imposed. Press the SHUTTER RELEASE BUTTON to make a perfectly focused and exposed flash picture.

Do not make flash exposures beyound 25 feet with any type of film, despite the fact that the FLASH-FINDER scale will reach infinity (∞) with the higher Guide Number settings.

When your camera is in the FLASH-FINDER mode of operation, the shutter speed is automatically set at 1/25th second. The Cosina 35 has X synchronization for Flash-cubes, AG-1 bulbs or strobe.

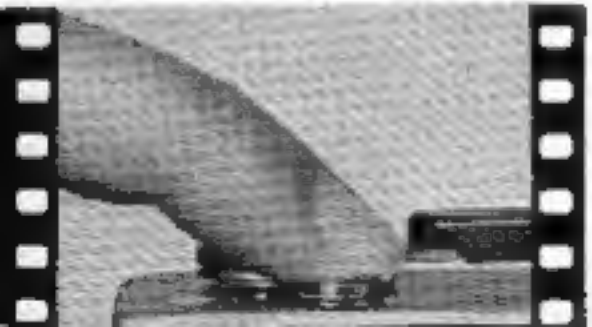
If exact Guide Number is not in the FLASH-FINDER scale, use the next lower number or dot. Consult data supplied with every roll of film for correct ASA speed rating and Guide Number for type of flash being used.

AUTOMATIC EXPOSURE COMPENSATION

The Cosina 35 is equipped with an automatic compensation control when exposure conditions are not always conducive to good picture results with many other electric eye cameras.

For example: It is possible to shoot in the direction of the sun by following a simple procedure. Compose subject in the VIEWFINDER and then aim camera downward to avoid the strong back light. Depress the SHUTTER RELEASE BUTTON partially to hold the meter needle reading. Lift camera up to the original position and continue to press the SHUTTER RELEASE BUTTON the rest of the way to shoot the compensated exposure.

Automatic exposure compensation can also be made by taking a very close reading of the subject with the SHUTTER RELEASE BUTTON on a partially depressed hold.



Step back and complete stroke to trip the shutter. This latter technique can be applied when subject is in front of a very light or very dark background that may erroneously influence the exposure.

SPECIFICATIONS

LENS Cosinon 38mm. f 2.7 of 3-group - 4-element

SHUTTER Copal B Mat Special Programmed Automatic shutter, built-in self-timer, two rear lens blades which also serve as aperture blades, shutter speeds variable from 1/30 to 1/650 second, Bulb exposure, flash synchronization at 1/25th. second.

EXPOSURE ADJUSTMENT Automatic exposure adjustment using a CdS-equipped automatic electric eye system. CdS placed in the light intake window within the lens system. Reflected light type meter with intake-angle of 26 degrees vertical and 30 degrees horizontal, 1.3 volt mercury battery used.

EE COUPLING RANGE f 2.7, 1/30 sec. to f 16, 1/650 sec. film speed scale ASA 25-400 (Din 16-27).

VIEWFINDER Bright frame, magnification 0.46X, parallax compensation mark, shutter speed and aperture readings, exposure warning signals in viewfinder.

RANGEFINDER Coupled rangefinder of single lens, double image alignment type, complementary mirror, effective base line 12mm, closest shooting distance 3.3 feet.

FLASH SYNCHRO Hot shoe flash contact and PC flash socket. Flashmatic system in which the focusing ring is coupled to the f/stops by means of a Guide Number setting.

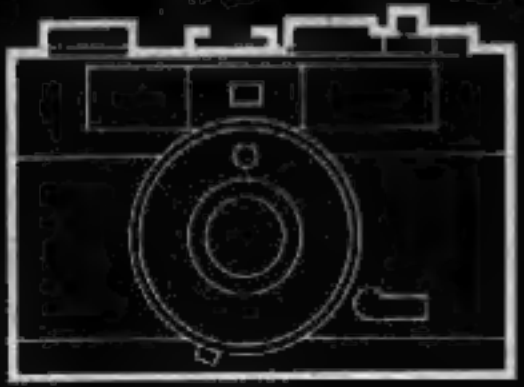
FILM ADVANCE Single action lever, self-cocking shutter, self-set exposure indicator.

FILTER 48mm Screw-in type, 0.75 mm pitch.

DIMENSIONS AND WEIGHT 110mm wide by 70mm high and 54mm deep. 370grams.

cosina

Compact 35
Automatic Electric Eye
Rangefinder Camera



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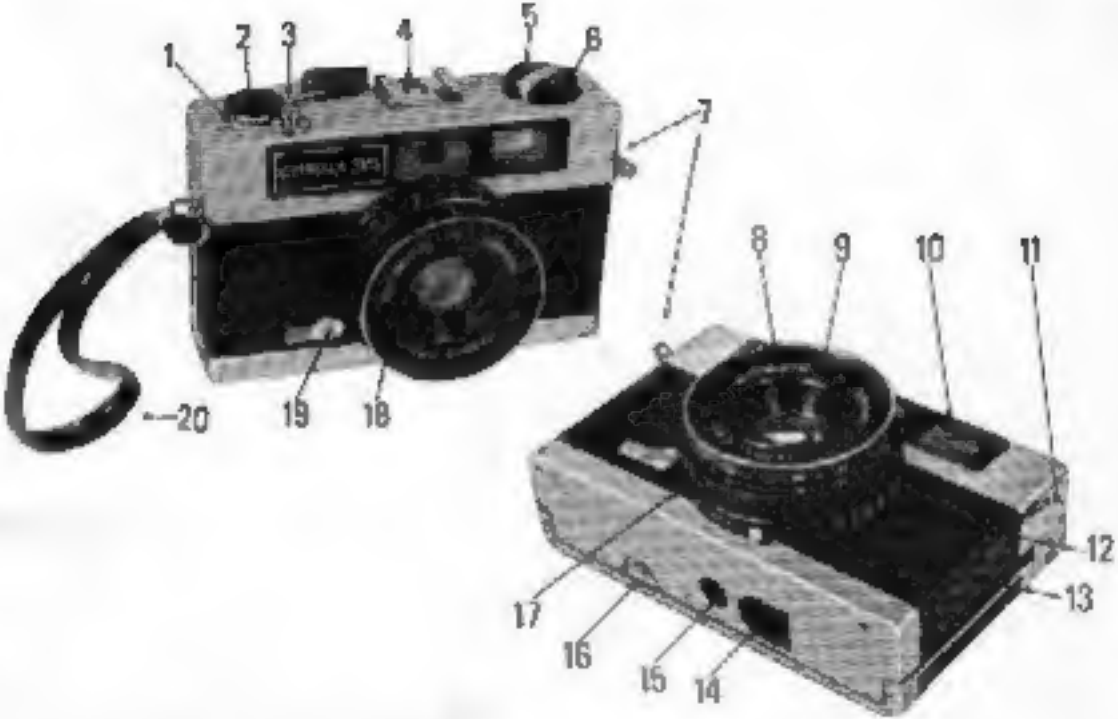
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INSERTING BATTERY

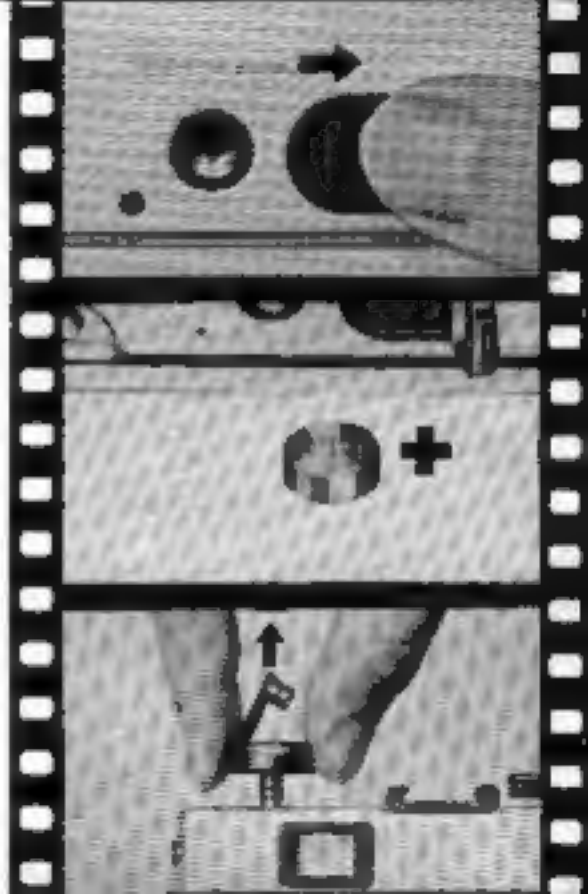
The Cosina Automatic Electric Eye exposure system operates on the energy supplied by a mercury battery. Be sure battery is installed before operating camera. Slide BATTERY COMPARTMENT cover, in the direction of the arrow and lift up small hinged cover.

Wipe the fresh battery, supplied with camera, with a clean dry cloth and place it in the compartment with POSITIVE SIDE (+) up. Close and press BATTERY COMPARTMENT COVER until it snaps shut.

Replace battery once a year or when needle meter action appears sluggish. IMPORTANT: Replacement battery should be a mercury type rated 1.3 volt. Specify Ever Ready EPX-675 or Mallory PX-675.

OPEN BACK COVER

To open BACK COVER lift up the FILM REWIND KNOB AND CRANK and pull upward until cover snaps open.

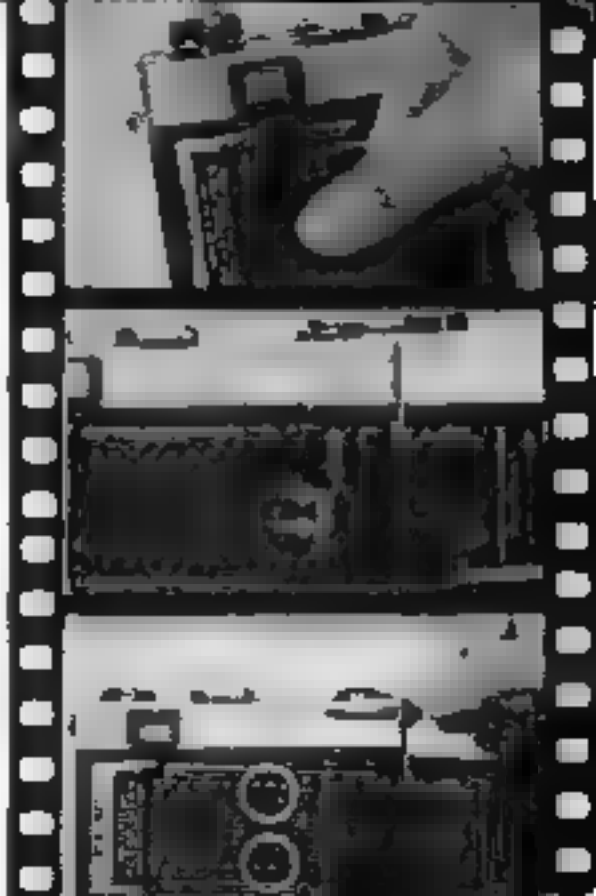


FILM LOADING

Place the 35-mm film cartridge (20 or 36 exposures) into the left feed chamber. Push in FILM REWIND KNOB and lower the REWIND CRANK.

Pull out sufficient film and insert end into any slot of the FILM TAKE-UP SPINDLE. Special slot design minimizes possibility of film slipping out.

Press SHUTTER RELEASE BUTTON and advance film with the FILM TRANSPORT LEVER. Repeat until sprocket teeth engage the film perforations on both top and bottom.

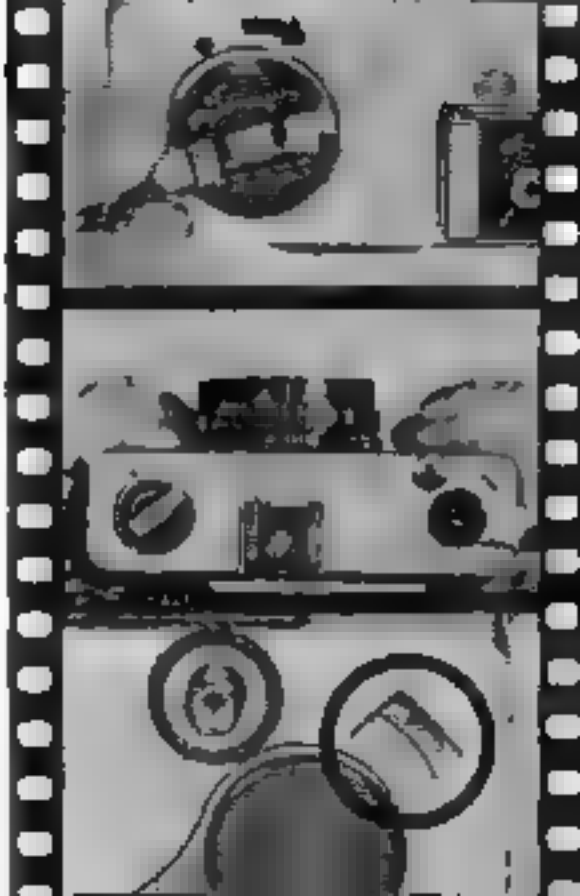


ADVANCING FILM

Close BACK COVER and press shut. Turn the FILM REWIND KNOB clock wise until film slack is taken up

Press the SHUTTER RELEASE BUTTON and advance film forward with the FILM TRANSPORT LEVER. The FILM REWIND KNOB will revolve counter clock wise with each film advance if properly loaded

Repeat operation until No 1 is visible in the EXPOSURE COUNTER WINDOW. Camera is now ready to expose the first picture.



AUTOMATIC ELECTRIC EYE EXPOSURE

Move the ASA FILM SETTING LEVER until it is opposite the ASA speed rating of your film. Check data supplied with film for ASA ratings and set accordingly.

Example: Kodacolor ASA 80, Kodachrome-X and Ektachrome-X ASA 64, High Speed Ektachrome-160 etc.

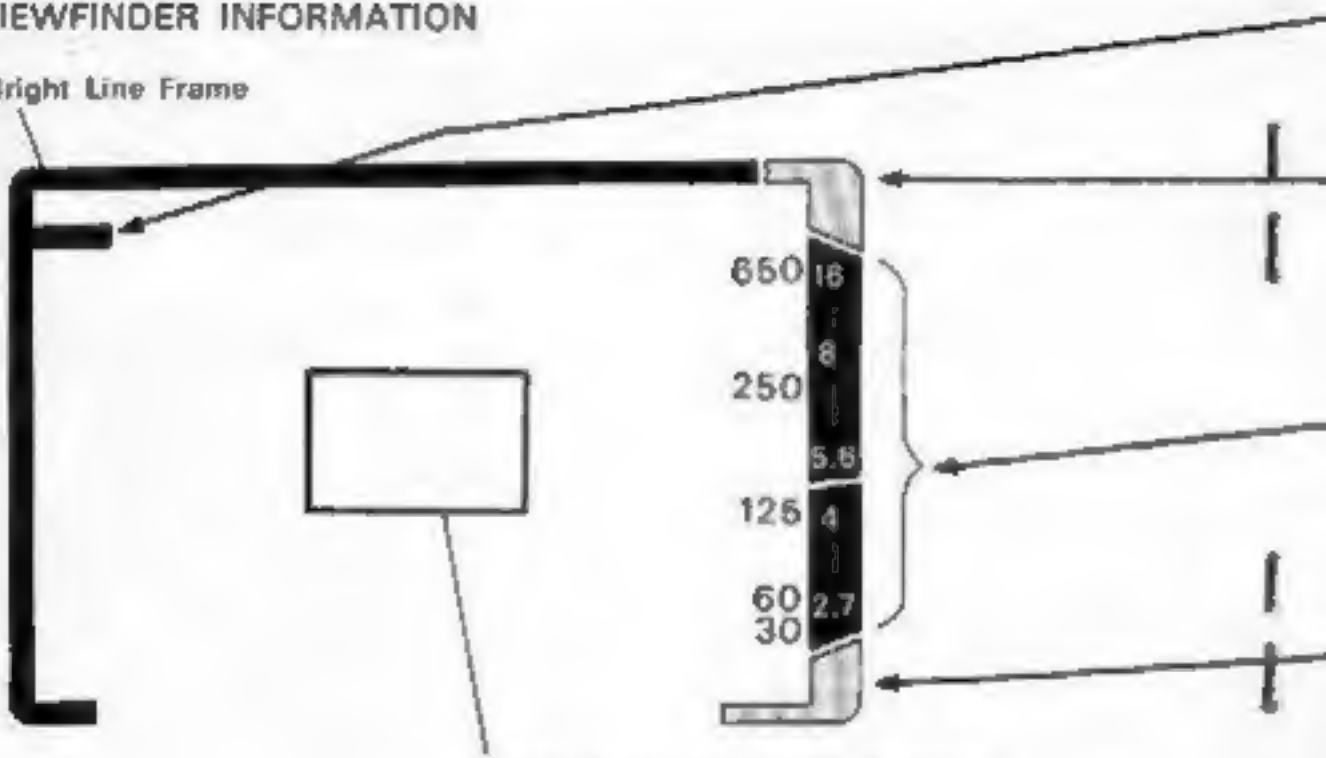
Scale on camera provides for:

25 . 50 . . 100 . . 200 . 400
32 64 80 125 160 320

Hold the LOCK BUTTON for the FUNCTION CONTROL RING and rotate until it snaps into the AUTO index position. Exposures are now automatically programmed for AUTO-MATIC shutter speed and lens iris settings best suited for every picture taking situation.

Grip camera in a convenient manner and sight through the VIEWFINDER. The field, outlined by BRIGHT-LINE reveals all the information necessary for well composed and perfectly exposed pictures.

VIEWFINDER INFORMATION



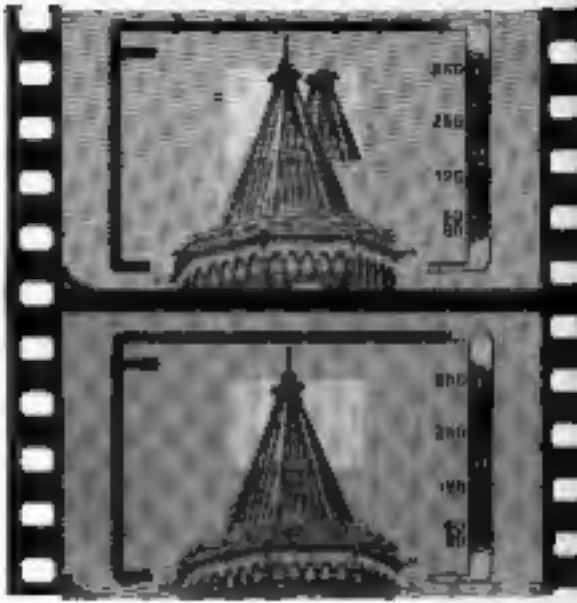
PARALLAX MARKS. When taking pictures closer than four feet from camera, subject should not extend above the PARALLAX MARK.

- ULTRA-BRIGHT CONDITIONS. If meter needle enters the UPPER RED WARNING ZONE the conditions are too bright and will require a NEUTRAL DENSITY FILTER over the lens. This condition will be encountered only when using high speed black and white film.

- NORMAL CAMERA OPERATION. Correct exposure range is bounded by the top and bottom RED WARNING ZONES. Numerals to the left indicate the shutter speeds and numerals in the right border are the f/stops or lens aperture settings.

- INSUFFICIENT LIGHT. When meter needle sinks to the LOWER RED WARNING ZONE correct exposures are no longer possible with existing light. Move subject into a brighter area or switch to FLASH.

RANGE FINDER



RANGE FINDER. While sighting through the VIEWFINDER rotate the FOCUSING RING until the double image visible in the center of the field, is super-imposed. This brings picture into perfect focus and is particularly important when taking FLASH pictures.

FILTERS

Front of the lens barrel is threaded to accept a 46mm screw-in type filter. Since the CdS AUTOMATIC ELECTRIC EYE is a part of the lens barrel, exposures are automatically compensated when filter is in position.

SELF-TIMER

The SELF-TIMER feature allows the camera user to be included in his own pictures. To operate simply set camera on a firm support, advance film and turn the SELF-TIMER DOWN. Shutter will click about 8 seconds after SHUTTER RELEASE BUTTON is pressed and can be used with or without flash.

BULB EXPOSURE

Hold LOCK BUTTON and turn FUNCTION CONTROL RING until B (BULB) lines up with the index mark. Lens will stay open at full aperture (f 2.7) as long as SHUTTER RELEASE BUTTON is held DOWN. Exposures must be made with camera on a firm support when long estimated exposures are made in poorly lighted areas.